



Glenn Research Center



Combustion and Fire on Mars

Human travel to and from Mars is a long-held desire of space enthusiasts.

NASA mission planners are developing, with renewed vigor, various scenarios for people on Mars.

A "Mars Reference Mission" is utilized for planning purposes and as the baseline against which tradeoff studies are compared.

The schedule in the reference mission has people leaving the Earth in a spacecraft by the year 2011, landing on Mars in six months, and staying on the Martian surface for 500 to 600 (Earth) days.

